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Substitute	e for form 1449A/P	то			1	
				Application Number	USNP of PCT/EP2000/042626	10/535104
INFO	RMATIO	N DISCL	OSURE	Filing Date	12 November 2003 (12.11.2003)	]
STA	TEMENT I	BY APPI	LICANT	First Named Inventor	Michael HECKMEIER, et al.	]
				Group Art Unit	unknown >873	] .
	(use as many s	heets as nece	essary)	Examiner Name	HINNOWIT TERRY FANG	j
Sheet	1	of	2	Attorney Docket Number	MERCK-3016	7

		<u>U.S.</u>	PATENT DOCUMENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document  Kind Cod  Number (if known	1 1141110 01 1 41011120 01 1 4 5 1101111	Date of Publication of Cited Document  MM-DD-YYYY
3.7	001	5,786,876	OTA, et al.	07-28-1998
7.1	002	4,818,076	HEPPKE, et al.	04-04-1989
J. T.	003	3,795,436	BOLLER, et al.	03-05-1974
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-				FOREIG	N PATENT DOCUMENTS	-		
	Cite No.1	ı	Foreign Patent Docum	nent		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ•
Examiner Initials*		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>s</sup> ( <i>if known</i> )				
J. 7.	004	EP	1 122 587		HITACHI LTD	08-08-2001		
17	005	DE	32 44 885		MERCK PATENT GMBH	06-07-1984		
7.7	006	wo	02 093244		HECKMEIER, ET AL.	11-21-2002		
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Examiner Signature	Date Considered	9/11	12006

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Substitute	for form 1449A/PT	0		Complete If Known			
		DIA 01	ooupė	Application Number	USNP-of-PCT/EP2003/012626 (C/53	510	
	RMATION			Filing Date	12 November 2003 (12.11.2003)	•	
STATEMENT BY APPLICANT				First Named Inventor	Michael HECKMEIER, et al.		
				Group Art Unit	40known 2873		
	(use as many sh	eets as nec	essary)	Examiner Name	SUNKHOWN TERRY THUG		
Sheet	2	of	2	Attorney Docket Number	MERCK-3016		

	odia (zadla)	NON PATENT LITERATURE DOCUMENTS	1.4°
Examiner Initials *	Cite No.1	Inctude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	007	H. KIKUCHI ET AL.: "POLYMER-STABILIZED LIQUID CRYSTAL BLUE PHASES" NATURE MATERIALS, Bd. 1, 2 September 2002, pages 64-68	
	008	KITZEROW H-S: "THE EFFECT OF ELECTRIC FIELDS ON BLUE PHASES" MOLECULAR CRYSTALS AND LIQUID CRYSTALS, GORDON AND BREACH, LONDON, GB, BD. 202, 22 JULY 1990, PAGES 51-83	
	009	K. TARUMI, et al.: "ADVANCED LIQUID-CRYSTAL MATERIALS FOR TFT MONITOR AND TV APPLICATIONS" JOURNAL OF THE SOCIETY FOR INFORMATION DISPLAY, Bd. 10, Nr. 2, 5-7 June 2001	
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